

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:01:06 ON 09 JAN 2006

=> fil .bec

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 0.21       | 0.21    |

FULL ESTIMATED COST

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 17:01:17 ON 09 JAN 2006  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s methionine and cysteine and muta?

FILE 'MEDLINE'

44774 METHIONINE

63810 CYSTEINE

502296 MUTA?

L1 612 METHIONINE AND CYSTEINE AND MUTA?

FILE 'SCISEARCH'

26890 METHIONINE

46746 CYSTEINE

486638 MUTA?

L2 405 METHIONINE AND CYSTEINE AND MUTA?

FILE 'LIFESCI'

10679 METHIONINE

17908 CYSTEINE

221645 MUTA?

L3 210 METHIONINE AND CYSTEINE AND MUTA?

FILE 'BIOTECHDS'

3438 METHIONINE

4106 CYSTEINE

44540 MUTA?

L4 151 METHIONINE AND CYSTEINE AND MUTA?

FILE 'BIOSIS'

50086 METHIONINE

58455 CYSTEINE

545848 MUTA?

L5 517 METHIONINE AND CYSTEINE AND MUTA?

FILE 'EMBASE'

33369 METHIONINE

48840 CYSTEINE

419055 MUTA?

L6 568 METHIONINE AND CYSTEINE AND MUTA?

FILE 'HCAPLUS'

86178 METHIONINE

99058 CYSTEINE

512348 MUTA?

L7 1092 METHIONINE AND CYSTEINE AND MUTA?

FILE 'NTIS'

322 METHIONINE

490 CYSTEINE

10035 MUTA?

L8 0 METHIONINE AND CYSTEINE AND MUTA?

FILE 'ESBIOBASE'  
9319 METHIONINE  
23340 CYSTEINE  
255340 MUTA?  
L9 247 METHIONINE AND CYSTEINE AND MUTA?

FILE 'BIOTECHNO'  
12753 METHIONINE  
22339 CYSTEINE  
242571 MUTA?  
L10 345 METHIONINE AND CYSTEINE AND MUTA?

FILE 'WPIDS'  
6109 METHIONINE  
8239 CYSTEINE  
28422 MUTA?  
L11 130 METHIONINE AND CYSTEINE AND MUTA?

TOTAL FOR ALL FILES  
L12 4277 METHIONINE AND CYSTEINE AND MUTA?

=> s l12 and oxidat?(3a)stab?

FILE 'MEDLINE'  
204326 OXIDAT?  
400387 STAB?  
934 OXIDAT?(3A)STAB?  
L13 3 L1 AND OXIDAT?(3A)STAB?

FILE 'SCISEARCH'  
370501 OXIDAT?  
774241 STAB?  
4587 OXIDAT?(3A)STAB?  
L14 3 L2 AND OXIDAT?(3A)STAB?

FILE 'LIFESCI'  
39983 OXIDAT?  
117869 STAB?  
233 OXIDAT?(3A)STAB?  
L15 1 L3 AND OXIDAT?(3A)STAB?

FILE 'BIOTECHDS'  
9909 OXIDAT?  
38413 STAB?  
137 OXIDAT?(3A)STAB?  
L16 2 L4 AND OXIDAT?(3A)STAB?

FILE 'BIOSIS'  
213410 OXIDAT?  
426554 STAB?  
2218 OXIDAT?(3A)STAB?  
L17 1 L5 AND OXIDAT?(3A)STAB?

FILE 'EMBASE'  
177931 OXIDAT?  
375735 STAB?  
796 OXIDAT?(3A)STAB?  
L18 1 L6 AND OXIDAT?(3A)STAB?

FILE 'HCAPLUS'  
599640 OXIDAT?  
731282 OXIDN  
1006203 OXIDAT?  
(OXIDAT? OR OXIDN)  
1517045 STAB?

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18342 OXIDAT? (3A) STAB?
L19      8 L7 AND OXIDAT? (3A) STAB?

FILE 'NTIS'
      25843 OXIDAT?
      108930 STAB?
      634 OXIDAT? (3A) STAB?
L20      0 L8 AND OXIDAT? (3A) STAB?

FILE 'ESBIOBASE'
      77429 OXIDAT?
      174858 STAB?
      619 OXIDAT? (3A) STAB?
L21      0 L9 AND OXIDAT? (3A) STAB?

FILE 'BIOTECHNO'
      43160 OXIDAT?
      108410 STAB?
      262 OXIDAT? (3A) STAB?
L22      1 L10 AND OXIDAT? (3A) STAB?

FILE 'WPIDS'
      145810 OXIDAT?
      62049 OXIDN
      89 OXIDNS
      174266 OXIDAT?
              (OXIDAT? OR OXIDN OR OXIDNS)
      799972 STAB?
      6826 OXIDAT? (3A) STAB?
L23      2 L11 AND OXIDAT? (3A) STAB?

TOTAL FOR ALL FILES
L24      22 L12 AND OXIDAT? (3A) STAB?

=> s sulfur free
FILE 'MEDLINE'
      37455 SULFUR
      465002 FREE
L25      76 SULFUR FREE
              (SULFUR (W) FREE)

FILE 'SCISEARCH'
      80599 SULFUR
      591088 FREE
L26      203 SULFUR FREE
              (SULFUR (W) FREE)

FILE 'LIFESCI'
      9084 "SULFUR"
      99315 "FREE"
L27      30 SULFUR FREE
              ("SULFUR" (W) "FREE")

FILE 'BIOTECHDS'
      2576 SULFUR
      26905 FREE
L28      16 SULFUR FREE
              (SULFUR (W) FREE)

FILE 'BIOSIS'
      59927 SULFUR
      467363 FREE
L29      110 SULFUR FREE
              (SULFUR (W) FREE)

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FILE 'EMBASE'  
35205 "SULFUR"  
387961 "FREE"  
L30 71 SULFUR FREE  
("SULFUR" (W) "FREE")

FILE 'HCAPLUS'  
344758 SULFUR  
1227618 FREE  
L31 1054 SULFUR FREE  
(SULFUR (W) FREE)

FILE 'NTIS'  
26638 SULFUR  
60779 FREE  
L32 64 SULFUR FREE  
(SULFUR (W) FREE)

FILE 'ESBIOBASE'  
9992 SULFUR  
145541 FREE  
L33 25 SULFUR FREE  
(SULFUR (W) FREE)

FILE 'BIOTECHNO'  
7548 SULFUR  
81349 FREE  
L34 26 SULFUR FREE  
(SULFUR (W) FREE)

FILE 'WPIDS'  
32292 SULFUR  
515727 FREE  
L35 149 SULFUR FREE  
(SULFUR (W) FREE)

TOTAL FOR ALL FILES  
L36 1824 SULFUR FREE

=> s 112 and 136

FILE 'MEDLINE'  
L37 0 L1 AND L25

FILE 'SCISEARCH'  
L38 0 L2 AND L26

FILE 'LIFESCI'  
L39 0 L3 AND L27

FILE 'BIOTECHDS'  
L40 0 L4 AND L28

FILE 'BIOSIS'  
L41 0 L5 AND L29

FILE 'EMBASE'  
L42 0 L6 AND L30

FILE 'HCAPLUS'  
L43 2 L7 AND L31

FILE 'NTIS'  
L44 0 L8 AND L32

FILE 'ESBIOBASE'  
L45 0 L9 AND L33

FILE 'BIOTECHNO'  
L46 0 L10 AND L34

FILE 'WPIDS'  
L47 0 L11 AND L35

TOTAL FOR ALL FILES  
L48 2 L12 AND L36

=> s muta? and oxidat?(3a)stab?

FILE 'MEDLINE'  
502296 MUTA?  
204326 OXIDAT?  
400387 STAB?  
934 OXIDAT?(3A)STAB?  
L49 60 MUTA? AND OXIDAT?(3A)STAB?

FILE 'SCISEARCH'  
486638 MUTA?  
370501 OXIDAT?  
774241 STAB?  
4587 OXIDAT?(3A)STAB?  
L50 87 MUTA? AND OXIDAT?(3A)STAB?

FILE 'LIFESCI'  
221645 MUTA?  
39983 OXIDAT?  
117869 STAB?  
233 OXIDAT?(3A)STAB?  
L51 43 MUTA? AND OXIDAT?(3A)STAB?

FILE 'BIOTECHDS'  
44540 MUTA?  
9909 OXIDAT?  
38413 STAB?  
137 OXIDAT?(3A)STAB?  
L52 50 MUTA? AND OXIDAT?(3A)STAB?

FILE 'BIOSIS'  
545848 MUTA?  
213410 OXIDAT?  
426554 STAB?  
2218 OXIDAT?(3A)STAB?  
L53 86 MUTA? AND OXIDAT?(3A)STAB?

FILE 'EMBASE'  
419055 MUTA?  
177931 OXIDAT?  
375735 STAB?  
796 OXIDAT?(3A)STAB?  
L54 51 MUTA? AND OXIDAT?(3A)STAB?

FILE 'HCAPLUS'  
512348 MUTA?  
599640 OXIDAT?  
731282 OXIDN  
1006203 OXIDAT?  
(OXIDAT? OR OXIDN)  
1517045 STAB?  
18342 OXIDAT?(3A)STAB?

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L55      149 MUTA? AND OXIDAT? (3A) STAB?

FILE 'NTIS'
      10035 MUTA?
      25843 OXIDAT?
      108930 STAB?
      634 OXIDAT? (3A) STAB?
L56      0 MUTA? AND OXIDAT? (3A) STAB?

FILE 'ESBIOBASE'
      255340 MUTA?
      77429 OXIDAT?
      174858 STAB?
      619 OXIDAT? (3A) STAB?
L57      55 MUTA? AND OXIDAT? (3A) STAB?

FILE 'BIOTECHNO'
      242571 MUTA?
      43160 OXIDAT?
      108410 STAB?
      262 OXIDAT? (3A) STAB?
L58      35 MUTA? AND OXIDAT? (3A) STAB?

FILE 'WPIDS'
      28422 MUTA?
      145810 OXIDAT?
      62049 OXIDN
      89 OXIDNS
      174266 OXIDAT?
      (OXIDAT? OR OXIDN OR OXIDNS)
      799972 STAB?
      6826 OXIDAT? (3A) STAB?
L59      50 MUTA? AND OXIDAT? (3A) STAB?

TOTAL FOR ALL FILES
L60      666 MUTA? AND OXIDAT? (3A) STAB?

=> s 136(5a) (protein# or enzyme#)
FILE 'MEDLINE'
      1852017 PROTEIN#
      759403 ENZYME#
L61      10 L25 (5A) (PROTEIN# OR ENZYME#)

FILE 'SCISEARCH'
      1483907 PROTEIN#
      482556 ENZYME#
L62      6 L26 (5A) (PROTEIN# OR ENZYME#)

FILE 'LIFESCI'
      550573 PROTEIN#
      205591 ENZYME#
L63      4 L27 (5A) (PROTEIN# OR ENZYME#)

FILE 'BIOTECHDS'
      148720 PROTEIN#
      129565 ENZYME#
L64      0 L28 (5A) (PROTEIN# OR ENZYME#)

FILE 'BIOSIS'
      1756673 PROTEIN#
      813438 ENZYME#
L65      8 L29 (5A) (PROTEIN# OR ENZYME#)

FILE 'EMBASE'

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1506015 PROTEIN#
830084 ENZYME#
L66      5 L30(5A) (PROTEIN# OR ENZYME#)

FILE 'HCAPLUS'
2119578 PROTEIN#
960238 ENZYME#
L67      11 L31(5A) (PROTEIN# OR ENZYME#)

FILE 'NTIS'
18580 PROTEIN#
12188 ENZYME#
L68      0 L32(5A) (PROTEIN# OR ENZYME#)

FILE 'ESBIOBASE'
707538 PROTEIN#
242080 ENZYME#
L69      2 L33(5A) (PROTEIN# OR ENZYME#)

FILE 'BIOTECHNO'
653195 PROTEIN#
353854 ENZYME#
L70      2 L34(5A) (PROTEIN# OR ENZYME#)

FILE 'WPIDS'
151861 PROTEIN#
83491 ENZYME#
L71      1 L35(5A) (PROTEIN# OR ENZYME#)

TOTAL FOR ALL FILES
L72      49 L36(5A) (PROTEIN# OR ENZYME#)

=> s l36 and oxidat?(3a)stab?
FILE 'MEDLINE'
204326 OXIDAT?
400387 STAB?
934 OXIDAT?(3A)STAB?
L73      0 L25 AND OXIDAT?(3A)STAB?

FILE 'SCISEARCH'
370501 OXIDAT?
774241 STAB?
4587 OXIDAT?(3A)STAB?
L74      0 L26 AND OXIDAT?(3A)STAB?

FILE 'LIFESCI'
39983 OXIDAT?
117869 STAB?
233 OXIDAT?(3A)STAB?
L75      0 L27 AND OXIDAT?(3A)STAB?

FILE 'BIOTECHDS'
9909 OXIDAT?
38413 STAB?
137 OXIDAT?(3A)STAB?
L76      0 L28 AND OXIDAT?(3A)STAB?

FILE 'BIOSIS'
213410 OXIDAT?
426554 STAB?
2218 OXIDAT?(3A)STAB?
L77      0 L29 AND OXIDAT?(3A)STAB?

FILE 'EMBASE'

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177931 OXIDAT?  
375735 STAB?  
796 OXIDAT? (3A) STAB?  
L78 0 L30 AND OXIDAT? (3A) STAB?

FILE 'HCAPLUS'  
599640 OXIDAT?  
731282 OXIDN  
1006203 OXIDAT?  
(OXIDAT? OR OXIDN)  
1517045 STAB?  
18342 OXIDAT? (3A) STAB?  
L79 3 L31 AND OXIDAT? (3A) STAB?

FILE 'NTIS'  
25843 OXIDAT?  
108930 STAB?  
634 OXIDAT? (3A) STAB?  
L80 1 L32 AND OXIDAT? (3A) STAB?

FILE 'ESBIOBASE'  
77429 OXIDAT?  
174858 STAB?  
619 OXIDAT? (3A) STAB?  
L81 0 L33 AND OXIDAT? (3A) STAB?

FILE 'BIOTECHNO'  
43160 OXIDAT?  
108410 STAB?  
262 OXIDAT? (3A) STAB?  
L82 0 L34 AND OXIDAT? (3A) STAB?

FILE 'WPIDS'  
145810 OXIDAT?  
62049 OXIDN  
89 OXIDNS  
174266 OXIDAT?  
(OXIDAT? OR OXIDN OR OXIDNS)  
799972 STAB?  
6826 OXIDAT? (3A) STAB?  
L83 4 L35 AND OXIDAT? (3A) STAB?

TOTAL FOR ALL FILES  
L84 8 L36 AND OXIDAT? (3A) STAB?

=> s (l24 or l48 or l60 or l72 or l84) not 2001-2006/py

FILE 'MEDLINE'  
2847722 2001-2006/PY  
L85 40 (L13 OR L37 OR L49 OR L61 OR L73) NOT 2001-2006/PY

FILE 'SCISEARCH'  
5309377 2001-2006/PY  
(20010000-20069999/PY)  
L86 46 (L14 OR L38 OR L50 OR L62 OR L74) NOT 2001-2006/PY

FILE 'LIFESCI'  
513727 2001-2006/PY  
L87 23 (L15 OR L39 OR L51 OR L63 OR L75) NOT 2001-2006/PY

FILE 'BIOTECHDS'  
119697 2001-2006/PY  
L88 37 (L16 OR L40 OR L52 OR L64 OR L76) NOT 2001-2006/PY

FILE 'BIOSIS'



2619206 2001-2006/PY  
L89 45 (L17 OR L41 OR L53 OR L65 OR L77) NOT 2001-2006/PY

FILE 'EMBASE'

2447167 2001-2006/PY  
L90 32 (L18 OR L42 OR L54 OR L66 OR L78) NOT 2001-2006/PY

FILE 'HCAPLUS'

5349513 2001-2006/PY  
L91 76 (L19 OR L43 OR L55 OR L67 OR L79) NOT 2001-2006/PY

FILE 'NTIS'

80102 2001-2006/PY  
L92 1 (L20 OR L44 OR L56 OR L68 OR L80) NOT 2001-2006/PY

FILE 'ESBIOBASE'

1488707 2001-2006/PY  
L93 21 (L21 OR L45 OR L57 OR L69 OR L81) NOT 2001-2006/PY

FILE 'BIOTECHNO'

368875 2001-2006/PY  
L94 25 (L22 OR L46 OR L58 OR L70 OR L82) NOT 2001-2006/PY

FILE 'WPIDS'

4690255 2001-2006/PY  
L95 16 (L23 OR L47 OR L59 OR L71 OR L83) NOT 2001-2006/PY

TOTAL FOR ALL FILES

L96 362 (L24 OR L48 OR L60 OR L72 OR L84) NOT 2001-2006/PY

=> log y

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 26.84      | 27.05   |

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 17:06:09 ON 09 JAN 2006

| Ref # | Hits  | Search Query                              | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--------------------|------------------|---------|------------------|
| L1    | 652   | methionine adj aminopeptidase\$           | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 14:30 |
| L2    | 9946  | (methionine or met) same<br>muta\$10      | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 14:30 |
| L3    | 263   | 1 same 2                                  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 14:33 |
| L4    | 2774  | methionine same cysteine same<br>muta\$10 | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 14:41 |
| L5    | 139   | 4 same stab\$8                            | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 14:42 |
| L6    | 23309 | oxidat\$ near4 stab\$8                    | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 16:07 |
| L7    | 88    | 4 and 6                                   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 16:08 |
| L8    | 2917  | sulfur adj free                           | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 16:13 |
| L9    | 1     | 8 near2 (protein\$1 or enzyme\$1)         | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/09 16:13 |

3/31/00